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KVM
QUICK REFERENCE GUIDE

version 6.0

belkin.com 310.751.5569

OmniView® PRO3 KVM SWITCH

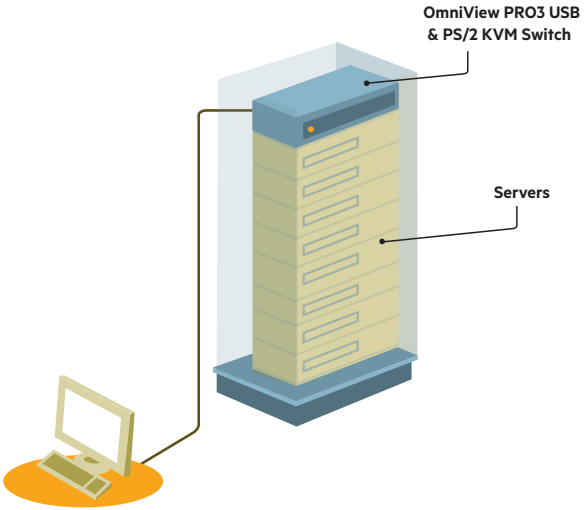
- Dedicated daisy-chain ports let you expand your KVM configuration without sacrificing CPU ports
- Saves setup time and simplifies viewing and switching between multiple servers with OSD
- Ensures consistent compatibility with flash-upgradeable firmware
- Models available in 4, 8, and 16 ports

KVM FACT #1

The PRO3 is perfect for anyone who has up to 256 computers to which they want to connect. It is an affordable and efficient way to control your server room.

KVM FACT #2

Belkin's PRO3 is compatible with USB and PS/2 to function in mixed server environments.



The OmniView PRO3 USB & PS/2 KVM Switch lets you control up to 4, 8, or 16 USB and PS/2 servers from one USB or PS/2 console.

F1DA108Z

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OmniView® PRO3 KVM SWITCH

KVM FACT #3
The Dual-Port Cabling reduces cable clutter and heat in your rack!

OMNIVIEW PRO3 SERIES
KVM SWITCHING WITH MICRO-CABLING
(35% LESS CLUTTER IN RACK THAN TRADITIONAL CABLING)

Belkin #	Description	Total Users	Keyboard/ Mice	Monitor	Servers to Connect	Maximum Resolution	On-Screen Display	Rack Height	Cable Kits
F1DA104Z	1 User x 4 Servers KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1920x1440	Yes	1U	F1D9401-XX (USB)* F1D9400-XX (PS/2)* F1D108-CBL-XX (Daisy-Chain)**
F1DA108Z	1 User x 8 Servers KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1920x1440	Yes	1U	
F1DA116Z	1 User x 16 Servers KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1920x1440	Yes	1U	
F1DA108Q	1 User x 8 Servers KVM Switch	1	PS/2 only	VGA	PS/2	1920x1440	Yes	1U	F1D9400-XX (PS/2)* F1D108-CBL-XX (Daisy-Chain)**

*One cable supports two servers.
**Dual-User PRO3 Switches will only daisy-chain to another Dual-User PRO3 Switch.

F1DA108Z

BELKIN 19" WIDESCREEN RACKMOUNT CONSOLE

IMPROVES EFFICIENCY AND PRODUCTIVITY
- Wide viewing area - helps IT administrators perform multiple tasks simultaneously, such as:
  - Viewing multiple applications or documents at once
  - Servicing multiple virtual servers
  - Using applications that require a large viewing space

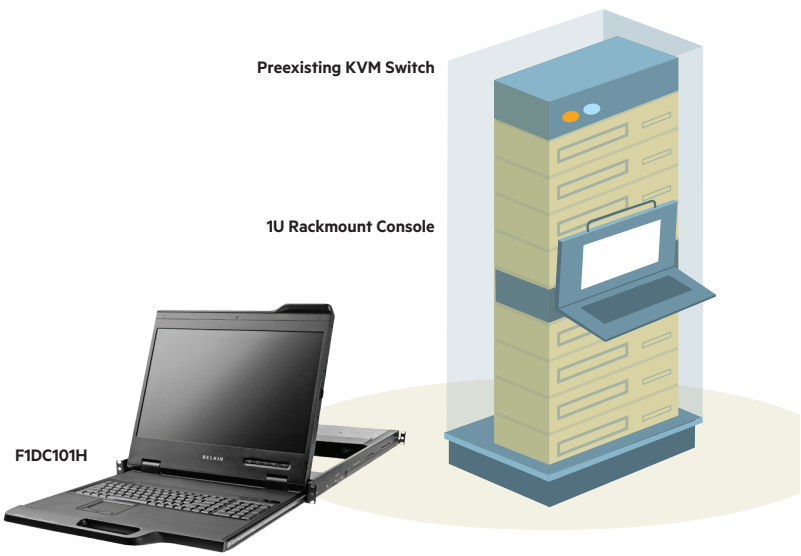
SIMPLIFIES ACCESS AND USE
- User-friendly interface & trigger-less rails - work together to simplify IT tasks
- Easy-to-grip handle - designed to fit anyone, provides seamless access

SAVES VALUABLE RACK SPACE
- Compact design - accommodates a keyboard, touchpad, widescreen monitor, and KVM switch within a 1U rack*

INSTALLS EASILY
- Slide-in mounting design, adjustable rails and lighter, slimmer build - make it fast and simple to install. The product installs in a fraction of the time and effort as other rackmount consoles.
- Compatible with multiple cabinet and system configurations

*Applies to LCD consoles without a built-in KVM switch.

KVM FACT #1
Belkin's 19" Widescreen Rackmount Console is the first LCD rack console in the industry to obtain an Energy Star® certification.



LCD RACK Consoles

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BELKIN 19" WIDESCREEN RACKMOUNT CONSOLE

KVM FACT #2
Belkin offers a whole line of Consoles with built-in KVM switches to save even more space in your rack configurations.

BELKIN 19" WIDESCREEN RACKMOUNT CONSOLE

Belkin #	Description	Total Users	Keyboard/ Mice	Monitor	Servers to Connect	Maximum Resolution	Rack Height	Cable Kits
F1DC101H	19" Widescreen LCD Rack Console	1	USB, PS/2	VGA	USB, PS/2	1440x900	1U	Included
F1DC108H	19" Widescreen Rack Console with 8-Port PRO3 KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1440x900	1U	F1D9400-XX (PS/2) F1D9401-XX (USB) F1D108-CBL-XX (Daisy-Chain)
F1DC116H	19" Widescreen Rack Console with 16-Port PRO3 KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1440x900	1U	

ENERGY STAR

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OmniView SECURE KVM SWITCH

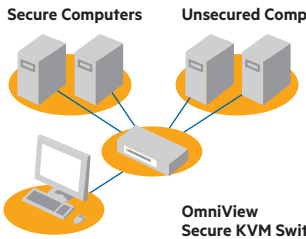
- Safely switches between computers running on different security levels
- Non-reprogrammable firmware prevents tampering with KVM logic
- Provides full support for USB computers, keyboards, and mice
- TAA Compliant—Made in the USA of imported parts
- Industry-best, 3-year, out-of-box warranty

KVM FACT #1

Belkin's Secure KVM Switches are certified at the highest possible levels, NIAP EAL Level 4+ augmented with ALC_FLR.3, for use in secure and unsecured environments.

OmniView SECURE KVM SWITCH (TAA COMPLIANT)

Belkin #	Description	Total Users	Keyboard/ Mice	Monitor	Servers to Connect	Maximum Resolution	On-Screen Display	Rack Height	Cable Kits
F1DN102U	1 User x 2 Servers KVM Switch	1	USB	VGA	USB, VGA	1920x1440	None	1U	F3X1962-XX (USB) F1D9007b06 (DVI-A to VGA, USB) F1D9008b06 (DVI-D to VGA, USB) F1D9010b06 (VGA, PS/2 to USB) F1D005 (Rack-Mount Kit for 2- & 4-port models only) F5U119vE1 (USB to PS/2 adapter for console ports)
F1DN104U	1 User x 4 Servers KVM Switch	1	USB	VGA	USB, VGA	1920x1440	None	1U	
F1DN108U	1 User x 8 Servers KVM Switch	1	USB	VGA	USB, VGA	1920x1440	None	1U	
F1DN102D	1 User x 2 Servers KVM Switch	1	USB	DVI-D Dual Link	USB, DVI-D	2560x1600	None	1U	F1D9201-XX (USB, DVI-D) F1D9009b06 (VGA to DVI-D, USB) F1D005 (Rack-Mount Kit)
F1DN104D	1 User x 4 Servers KVM Switch	1	USB	DVI-D Dual Link	USB, DVI-D	2560x1600	None	1U	



The OmniView Secure KVM Switch lets you safely control up to eight secure and unsecured USB computers from a single USB console (4-port model shown).

Common Criteria

NIAP Certified

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BELKIN ADVANCED SECURE DVI-I KVM SWITCH

- True data-port isolation with optical diode technology
- Compliant to the latest NIAP security profile version 2.1
- Flexible KVM platform supporting both analog (VGA) and digital (DVI) interfaces simultaneously with Belkin Smart Cables
- Provides full support for USB computers, keyboards, mice, and CAC readers*
- Supports single- or dual-head monitor systems
- TAA Compliant—Made in the USA of imported parts

KVM FACT #2
Belkin's government solutions are TAA-compliant and included on the GSA schedule.
GSA # GS-35F-0085U

Common Criteria

F1DN104F

SECURE DESKTOP KVM

OmniView SECURE KVM SWITCH (TAA COMPLIANT)

Belkin #	Description	Total Users	Keyboard/ Mice	Monitor	CAC Support	Servers to Connect	Maximum Resolution	Rack Height	Cable Kits
F1DN102B	1 User x 2 Servers KVM Switch	1	USB	DVI-I Dual-Link	No	USB, VGA, DVI	2560x1600	1U	F1D9012bXX (DVI, USB) F1D9015bXX (VGA, USB) F1D9009b06 (VGA-to-DVI, USB)
F1DN104B	1 User x 4 Servers KVM Switch	1	USB	DVI-I Dual-Link	No	USB, VGA, DVI	2560x1600	1U	
F1DN102C	1 User x 2 Servers KVM Switch	1	USB	DVI-I Dual-Link	Yes (One CAC cable included)	USB, VGA, DVI	2560x1600	1U	F1D9012bXX (DVI, USB) F1D9015bXX (VGA, USB) F1D9009b06 (VGA-to-DVI, USB) F1D9013bXX (CAC Cable)
F1DN104C	1 User x 4 Servers KVM Switch	1	USB	DVI-I Dual-Link	Yes (One CAC cable included)	USB, VGA, DVI	2560x1600	1U	
F1DN104E	1 User x 4 Servers KVM Switch	1	USB	2xDVI-I Dual-Link	No	USB, VGA, DVI	2560x1600	1U	F1D9014bXX (Dual-DVI, USB) F1D9011b06 (USB to DVI) F1D9013bXX (CAC Cable)
F1DN104F	1 User x 4 Servers KVM Switch	1	USB	2xDVI-I Dual-Link	Yes (One CAC cable included)	USB, VGA, DVI	2560x1600	1U	

* The CAC feature is not certified by Common Criteria

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TAA-COMPLIANT LCD RACK CONSOLE & SECURE AUDIO SWITCH

F1DC101H-TAA

KVM FACT #3
All of Belkin's Government KVM solutions are made in the USA and are trade-compliant for your government applications.

TAA LCD RACK CONSOLE (MADE IN THE USA)

Belkin #	Description	Total Users	Keyboard/ Mice	Monitor	Servers to Connect	Maximum Resolution	On-Screen Display	Rack Height	Cable Kits
F1DC101H-TAA	19" Widescreen LCD Rackmount Console	1	USB, PS/2	VGA	USB, PS/2	1440x900	Text	1U	Included
F1DC108H-TAA	19" Widescreen Rackmount Console with 8-Port PRO3 KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1440x900	Text	1U	F1D9401-XX (USB)* F1D9400-XX (PS/2)* F1D108-CBL-XX (Daisy-Chain)
F1DC116H-TAA	19" Widescreen Rackmount Console with 16-Port PRO3 KVM Switch	1	USB, PS/2	VGA	USB, PS/2	1440x900	Text	1U	

*One cable supports two servers

TAA Compliant Consoles & Switches

TAA-COMPLIANT SECURE AUDIO AND MICROPHONE SWITCH

- Reducing the number of exposed microphones that can be exploited by malicious software attacks
- Reducing security risks caused by user errors when multiple headsets/microphones are preset
- Eliminating the microphone-switching function from the KVM to isolate it from USB and PS/2 signals
- Incorporating an external microphone mute button to shut off the microphone when the Switch is not in use or while handling calls where the microphone is not required
- Preventing the system's mute switch from being manipulated by software or driver with a hardware mute switch

TAA SECURE AUDIO SWITCH SOLUTIONS (MADE IN THE USA)

Belkin #	Description	Total Users	No. of Computers Supported	Audio Inputs	Audio Outputs	Port Selectors	Microphone Mute Button	Cable Kits
F1DN104A	Secure Audio and Microphone 4-Port Switch	1	4	3.5mm female TRS	3.5mm female TRS	4	Yes	F1D9016b06 (3.5mm x2) F1D9016b10 (3.5mm x2)

BELKIN DESKTOP KVM SWITCH

Models available in 2 and 4 ports

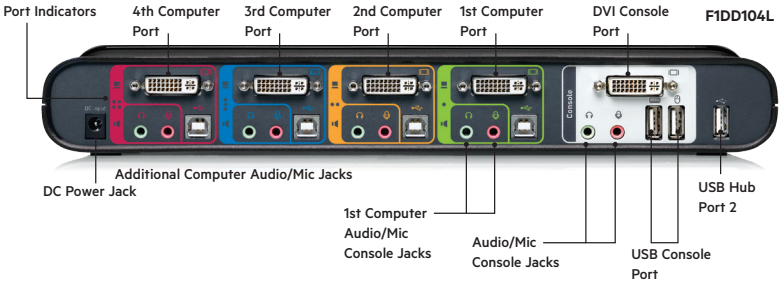
- Flash-upgrade feature ensures compatibility with the latest hardware
- Requires no software for installation
- Provides full support for wireless keyboards and mice, and all Mac® keyboard function keys*
- Features built-in 2-port USB hub*
- Compatible with Windows® 7

KVM FACT #1

Switch between your computers using newly included hot-key functions or multifunction buttons.

FRONT VIEW

BACK VIEW



KVM FACT #2

Belkin's Desktop KVM Switches have all the cables you need included.

*Applies to USB-only models

BELKIN DESKTOP KVM SWITCH

KVM FACT #3
Belkin's Desktop KVM Switches have a USB 2.0 hub that is compatible with your USB flash drives and printers. Share your USB devices between the connected systems!

DESKTOP SERIES – ERGONOMICALLY DESIGNED DESKTOP KVM SWITCH

Belkin #	Description	Keyboard/ Mice	Monitor	Computers to Connect	Maximum Resolution	Audio Support	Built-in USB Hub	Cable Kits
F1DS102J	1 User x 2 PC KVM Switch	PS/2 & USB	VGA	PS/2, USB	2048X1536	Yes	No	Included in box
F1DS102L	1 User x 2 PC KVM Switch	USB	VGA	USB	2048x1536	Yes	Yes	
F1DD102L	1 User x 2 PC KVM Switch	USB	Dual-Link DVI-D	USB/DVI	2560x1600	Yes	Yes	
F1DH102L	1 User x 2 PC KVM Switch	USB	Dual VGA	USB/Dual VGA	2048x1536	Yes	Yes	
F1DH102D	1 User x 2 PC KVM Switch	USB	Dual DVI-D	USB/Dual DVI-D	2560x1600	Yes	Yes	
F1DS104J	1 User x 4 PC KVM Switch	PS/2 & USB	VGA	PS/2, USB	2048x1536	Yes	No	
F1DS104L	1 User x 4 PC KVM Switch	USB	VGA	USB	2048x1536	Yes	Yes	
F1DD104L	1 User x 4 PC KVM Switch	USB	Dual-Link DVI-D	USB/DVI	2560x1600	Yes	Yes	
F1DH104L	1 User x 4 PC KVM Switch	USB	Dual VGA	USB/Dual VGA	2048x1536	Yes	Yes	
F1DH104D	1 User x 4 PC KVM Switch	USB	Dual DVI-D	USB/Dual DVI-D	2560x1600	Yes	Yes	

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FLIP KVM SWITCH

- Shares one monitor, keyboard, and mouse between computers
- Shares one set of speakers between computers*
- Supports PC and Mac notebook and desktop computers**

KVM FACT

Looking to save space on your desk? Belkin's Flip allows you to switch between your computers without having the clutter of a KVM switch on your desk.

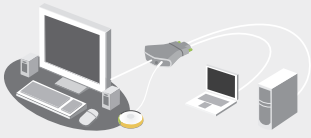
FLIP SERIES – ZERO FOOTPRINT, SPACE-SAVING KVM SWITCH WITH REMOTE, ONE-BUTTON DESKTOP FEATURE

Belkin #	Description	Console Keyboard/ Mice	Monitor	Computers to Connect	Maximum Resolution	Audio Support	Cable Kits
F1DF102P	Flip PS/2 KVM Switch, VGA	PS/2	VGA	PS/2	2048X1536	No	Included/ Attached
F1DG102P	Flip PS/2 with Audio KVM Switch, VGA	PS/2	VGA	PS/2	2048x1536	Yes	
F1DF102U	Flip USB KVM Switch, VGA	USB	VGA	USB	2048x1536	No	
F1DG102U	Flip USB with Audio KVM Switch, VGA	USB	VGA	USB	2048x1536	Yes	
F1DG102W	Flip Wireless KVM Switch, USB VGA with Audio and Wireless Remote	USB	VGA	USB	2048x1536	Yes	

*Available for models F1DG102P, F1DG102U, and F1DG102W

**Mac computers supported by F1DF102U, F1DG102U, and F1DG102W

F1DG102W



KVM with Cables

Remote

1. Connect your monitor, keyboard, and mouse to the Flip Base.
2. Connect the remote to the Flip base and place the remote on your desk.
3. Connect the included cables to your two computers and click the remote to switch between them.

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KVM CABLES

Belkin has all the cabling and accessories you need to connect our KVM products to your servers and complete your solution.

SERVER ROOM SOLUTIONS

PRO3 and PRO3 Consolse	USB Cable Kit	PS/2 Cable Kit	Daisy-Chain Cable
2 Feet			F1D108-CBL
6 Feet	F1D9401-06	F1D94000-06	F1D108-CBL-06
10 Feet		F1D94000-10	F1D108-CBL-10
12 Feet	F1D9401-12		
15 Feet		F1D94000-15	F1D108-CBL-15

GOVERNMENT SOLUTIONS

Secure KVM	Secure USB Cable Kit	Secure DVI Cable Kit	Secure DVI-I Cable Kit	Secure Dual Head DVI-I Cable Kit	Secure CAC Cable	Secure Audio Switch Cable
6 Feet	F3X1962b06	F1D9201-06	F1D9012b06	F1D9014b06	F1D9013b06	F1D9016b06
10 Feet	F3X1962b10	F1D9201-10	F1D9012b10	F1D9014b10	F1D9013b10	F1D9016b10
15 Feet	F3X1962b15	F1D9201-15	F1D9012b15	F1D9014b15	F1D9013b15	

BELKIN SMART CABLE

DVI-D to VGA with USB	VGA to DVI-D with USB	VGA with PS/2 to USB	USB to DVI-D with USB
F1D9008b06	F1D9009b06	F1D9010b06	F1D9011b06

DESKTOP/FLIP

Cables Included

Use Rackmount Kit F1D005 for PRO3/Secure models with 2 and 4 ports

BELKIN KVM TOOLS

belkin.com is a great place to go to get updates on product information and specs as you are selling KVM solutions. Information on USB Extenders and Serial Adapters is also available.

www.belkin.com/kvm

FREE ONLINE DEMO

This demo allows users to try out the Belkin OmniView KVM-over-IP Device and get a feel for how the product works.

www.belkin.com/kvm/demo

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